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Sheet 1 of 1

Applicant(s): HONG et al.

Filing Date: November 9, 1998

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## U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
Jkm	AA	5,286,723	02/15/94	Hayakawa et al.	514	213	
Jkm	AQ	5,508,428	04/16/96	Hayakawa et al.	548	408	

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
Jkm	AB	1-100165	04/18/89	JP				X
Jkm	AC	0541086	05/12/93	EP			X	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Jkm	AD	Leshner et al., "1, 8-Naphthyridine Derivatives. A New Class of Chemotherapeutic Agents", <i>J. Med. Chem.</i> , Vol. 5, pp. 1063-1065, 1962					
	AE	Koga et al., "Structure-Activity Relationships of Antibacterial 6,7- and 7,8-Disubstituted 1-Alkyl-1,4-dihydro-4-oxoquinoline-3-carboxylic Acids", <i>J. Med. Chem.</i> , Vol. 23, pp. 1358-1363, 1980					
	AF	Wise et al., "In Vitro Activity of Bay 09867, a New Quinoline Derivative, Compared with Those of Other Antimicrobial Agents", <i>J. Antimicrob. Agents Chemother.</i> , Vol. 23, pp. 559-564, 1983					
	AG	Sato et al., "In Vitro and In Vivo Activity of DL-8280, a New Oxazine Derivative", <i>J. Antimicrob. Agents Chemother.</i> , Vol. 23, pp. 548-553, 1982					
	AH	Rosen et al., "Design, Synthesis, and Properties of (4S)-7-(4-Amino-2-substituted-pyrrolidin-1-yl) quinolone-3-carboxylic Acids", <i>J. Med. Chem.</i> , Vol. 31, pp. 1598-1611, 1988					
	AI	Matsumoto et al., "AT-3295, a New Pyridonecarboxylic Acid Derivative with Potent Antibacterial Activity: Synthesis and Structure-activity Relationships", <i>Proceedings of the 14th International Congress of Chemotherapy</i> , pp. 1519-1520, 1985					
	AJ	Cooper et al., "Preparation and in Vitro and in Vivo Evaluation of Quinolones with Selective Activity against Gram-Positive Organisms", <i>J. Med. Chem.</i> , Vol. 35, pp. 1392-1398, 1992					
	AK	Domagala et al., "Synthesis and Biological Activity of 5-Amino- and 5-Hydroxyquinolones, and the Overwhelming Influence of the Remote N-Substituent in Determining the Structure-Activity Relationship", <i>J. Med. Chem.</i> , Vol. 34, pp. 1142-1154, 1991					
	AL	Domagala et al., "1-Substituted, 7-[3-[(Ethylamoni) methyl]-1-pyrrolidinyl]-6,8-difluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic Acids. New Quantitative Structure-Activity Relationships at N for the Quinolone Antibacterials", <i>J. Med. Chem.</i> , Vol. 31, pp. 991-1001, 1988					
	AM	Bouzard et al., "Fluoronaphthyridines as Antibacterial Agents. 4. Synthesis and Structure-Activity Relationships of 5-Substituted-6-fluoro-7-(cycloalkylamino)-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic Acids", <i>J. Med. Chem.</i> , Vol. 35, pp. 518-525, 1992					
	AN	Parikh et al., "Sulfur Trioxide in the Oxidation of Alcohols by Dimethyl Sulfoxide", <i>JACS.</i> , Vol. 89, pp. 5505-5507, 1967					
	AO	CA 114: 164195r, p.775, 1991					
Jkm	AP	CA119: 203318h, p. 884, 1993					

EXAMINER

Joseph K. McKane

DATE CONSIDERED

04/26/99

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*\*Copies of references not provided at the time of this submission.